SIEMENS

Data sheet

5SL6232-7



Miniature circuit breaker 400 V 6kA, 2-pole, C, 32 A

Model				
product brand name	SENTRON			
product designation	Miniature circuit breaker			
General technical data				
number of poles	2			
design of pole	2P			
tripping characteristic class	С			
mechanical service life (operating cycles) typical	10 000			
overvoltage category	III			
degree of pollution	2			
Voltage				
type of voltage of the operating voltage	AC			
insulation voltage (Ui)				
 with multi-phase operation at AC rated value 	440 V			
Supply voltage				
supply voltage at AC rated value	400 V			
value range of the supply voltage frequency	50/60 Hz			
operating voltage				
 with multi-phase operation at AC maximum 	440 V			
 at DC rated value maximum 	72 V			
Protection class				
protection class IP	IP20, with connected conductors			
Switching capacity				
switching capacity current				
 according to EN 60898 rated value 	6 kA			
 according to IEC 60947-2 rated value 	6 kA			
energy limitation class	3			
Dissipation				
power loss [W] for rated value of the current at AC in hot operating state per pole	3.1 W			
suitability for operation	Residential buildings/infrastructure			
Product details				
product feature				
halogen-free	Yes			
• sealable	Yes			
• silicon-free	Yes			
product extension installable supplementary devices	Yes			
Connections				
connectable conductor cross-section solid				

• maximum		25 mm ²			
connectable conductor cross-section s	stranded				
• minimum		0.75 mm ²			
• maximum		25 mm²			
connectable conductor cross-section f	inely stranded with core				
• minimum		0.75 mm ²			
• maximum		25 mm²			
tightening torque with screw-type term	inals				
• minimum		2.5 N·m			
• maximum		3 N·m			
Mechanical Design					
height		90 mm			
width		36 mm			
depth		76 mm			
installation depth		70 mm			
number of modular width units		2			
mounting position		any			
net weight		290 g			
Environmental conditions					
ambient temperature during operation					
• minimum		-25 °C			
• maximum		45 °C			
ambient temperature during storage					
• minimum		-40 °C			
• maximum		75 °C			
General Product Approval			Declaration of Conformi	Declaration of Conformity	
CEBEC CEBEC		EHC	UK CA	CE EG-Konf.	
other	Environment				
Miscellaneous Confirma	ation <u>Environmental</u> <u>firmations</u>				

Further information

Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL6232-7

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/5SL6232-7

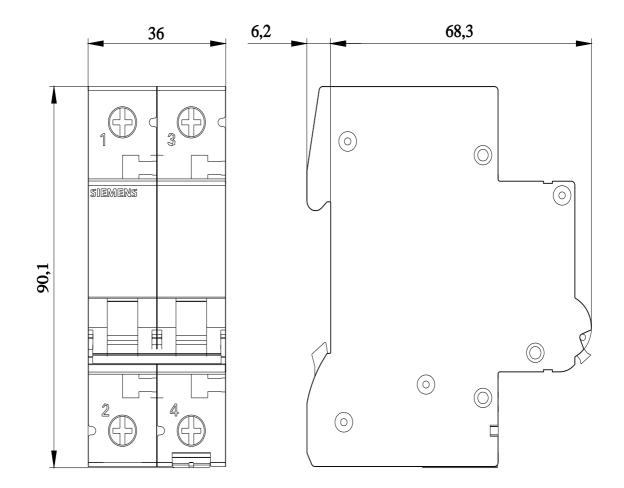
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6232-7

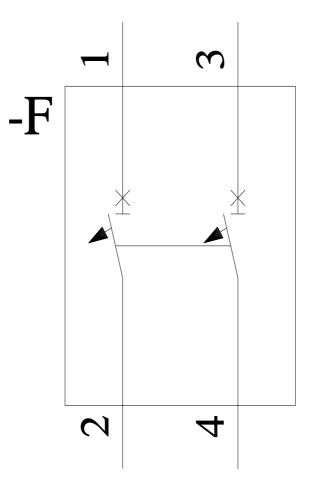
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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